**B.Karthikeya Reddy**

**192012026**

**24/01/2023**

1. **Write an assembly language program for adding two 8-bit data A7 A6 A5 A4 A3 A2 A1 A0 and B7 B6 B5 B4 B3 B2 B1 B0 using 8085 processor.**

LDA 2050

MOV H,A

LDA 2051

ADD H

MOV L,A

MVI A,00H

ADC A

MOV H,A

SHLD 2052

HLT

